

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

08/19/2011

Michael Thaler
Assistant District Attorney, Norfolk County

Dear ADA Thaler,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED] Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan, Mai Tran and Della Saunders.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan and Mai Tran were the custodial chemist and performed the preliminary testing and net weight for this sample. Della Saunders was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan", written over a horizontal line.

Annie Dookhan
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6631

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

- *Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

- *Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

- *Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

- *Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

- *Maintenance and repairs of all analytical instruments.

- *Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

- *Oversee the Quality Control/Quality Assurance program for the Drug Lab.

- *Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.

- *Notary Public.

- *Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

- *Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

- *Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

- *Writing, revising and reviewing Standard Operating Procedures (SOPs).

- *Trained and supervised new chemists and interns for the department.

- *Routine QC testing of products for the FDA.

- *Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

- *Calibration, preventive maintenance, QC and QA of analytical instrumentation.

- *Complete testing of chemicals for Vendor Validation Project for the FDA.

- *Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP training with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS trainings with Agilent Technologies and Restek.

HPLC and LC/MS/MS trainings with Waters Cooperation.

FTIR training with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Mai Ngoc Tran

Education

M.S. Medicinal Chemistry (1990)

Northeastern University, Boston, MA

Coursework included: organic & inorganic chemistry, physical chemistry, qualitative and quantitative chemistry, analytical and advanced organic chemistry.

Employment

Chemist II State Laboratory Institute (2001-Present)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substances to determine violation of the Massachusetts harmful and narcotic drug laws.
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

Chemist I State Laboratory Institute (1986-2001)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts harmful and narcotic drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis
- Successfully completed an six week training in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 1986.

Laboratory Technician State Laboratory Institute (1982-1986)

- Prepared reagents, Blood agar plates.

Curriculum Vitae

Della Saunders

Education:

Boston University Boston, MA. Bachelors of Arts in Chemistry 1982

Experience:

1985-present: Currently Chemist III Massachusetts Department of Public Health Drug Analysis Laboratory at State Laboratory Institute Boston, MA. Responsible for analyzing unknown substances submitted by Massachusetts law enforcement agencies; operating, maintaining, and interpreting data from analytical equipment (analytical balance, microscope, gas chromatogram, ultraviolet spectrometer, infrared spectrometer, gas chromatogram/mass spectrometer); training junior level chemists; providing expert testimony to local, state, and federal courts in the Commonwealth of Massachusetts.

1984-1985: Laboratory Technician in the Media Laboratory at State Laboratory Institute Boston, MA. Responsible for making chemical reagents and media plates; operating and maintaining laboratory equipment (autoclave, pH meter, ultra-violet hood), and collecting safety data for laboratory protocols.

Training:

1985: Six week training with Senior Staff at Massachusetts Department of Public Health (MDPH) Drug Analysis Laboratory Boston, MA. Appointed Assistant Analyst MDPH

1987: One week training course in drug analysis given by the Federal Drug Enforcement Agency (DEA) McLean, VA.

1992: Training in Gas Chromatograph/Mass Spectroscopy (GC/MS) Hewlett Packard (Agilent)

1996: Training in Fourier Transform Infra-Red Spectroscopy ETA (Analect)

2001: Expert Witness Workshop National Laboratory Training network Quality Assurance/Quality Control Training (MDPH)

2002: Techniques of Supervision Training (MDPH)

1999: Notary Public Commonwealth of Massachusetts

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts

Executive Office of Health and Human Services

Department of Public Health

State Laboratory Institute

Boston Drug Laboratory

Tel (617) 983-6622

Fax (617) 983-6625

Amherst Drug Laboratory

Tel (413) 545-2601

Fax (413) 545-2608

Boston Hours

8:00 – 11:00

2:00 – 4:00

Amherst Hours

9:00 – 12:00

1:00 – 3:00

DRUG RECEIPT

City or Department: Weymouth Police Reference No.: [REDACTED]

Name and Rank of Submitting Officer: Det Thomas Anderson

Defendant(s) Name (last, first, initial):

[REDACTED]

To be completed by Submitter

Description of Items Submitted

To be completed by Lab Personnel

Gross Weight

Lab Number

1 bag with green vegetable matter 11-110-PR	23.95 gm	[REDACTED]

Received by: [Signature]

Date: 1.26.11

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Department of Public Health

State Laboratory Institute

Boston Drug Laboratory

Tel (617) 983-6622

Fax (617) 983-6625

Amherst Drug Laboratory

Tel (413) 545-2601

Fax (413) 545-2608

Boston Hours

8:00 – 11:00

2:00 – 4:00

Amherst Hours

9:00 – 12:00

1:00 – 3:00

DRUG RECEIPT

City or Department: Weymouth Police Reference No.: [REDACTED]

Name and Rank of Submitting Officer: Det Thomas Anderson

Defendant(s) Name (last, first, initial):

[REDACTED]

To be completed by Submitter

Description of Items Submitted

To be completed by Lab Personnel

Gross Weight

Lab Number

1 bag with green vegetable matter

11-109-PR

1 bag with green vegetable matter

11-108-PR

✓M 2PB

10.00 gm

[REDACTED]

Received by: [Signature]

Date: 1-26-11

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts

Executive Office of Health and Human Services

Department of Public Health

State Laboratory Institute

Boston Drug Laboratory

Tel (617) 983-6622

Fax (617) 983-6625

Amherst Drug Laboratory

Tel (413) 545-2601

Fax (413) 545-2608

Boston Hours

8:00 – 11:00

2:00 – 4:00

Amherst Hours

9:00 – 12:00

1:00 – 3:00

DRUG RECEIPT

City or Department: Weymouth Police Reference No.: [REDACTED]

Name and Rank of Submitting Officer: Det Thomas Anderson

Defendant(s) Name (last, first, initial):

[REDACTED]

To be completed by Submitter

Description of Items Submitted

To be completed by Lab Personnel

Gross Weight

Lab Number

2 small white pills marked Mylan 4157
1 pc 11-112-PR

8.34 gm

1 small white pill marked m/57 71
11-111-PR

4.85 gm

[REDACTED]

Received by: [Signature]

Date: 1-26-11

Date Analyzed: 2-23-11

No. [REDACTED]

City: Weymouth Police Dept.

Officer: THOMAS ANDERSON

Def: [REDACTED]

Amount:

No. Cont: 1 Cont: pb

Date Rec'd: 01/26/2011

Gross Wt.: 23.95

AB = 18.15

No. Analyzed:

Net Weight:

Tests: 3

magnana
min

Findings:

Prelim:

No. [REDACTED]

Date Analyzed: 03-29-11

City: Weymouth Police Dept.

Officer: Detective THOMAS ANDERSON

Def: [REDACTED]

Amount:

No. Cont: 2 Cont: pb

Date Rec'd: 01/26/2011

Gross Wt.: 10.00

Subst: VM

No. Analyzed: 1

Net Weight:

Tests: 3 ASD

muo @ Du- @
mano @

Findings:

magnana.

Prelim:

No. [REDACTED]

Date Analyzed: APR 15 2011

City: Weymouth Police Dept.

Officer: Detective THOMAS ANDERSON

Def: [REDACTED]

Amount: 2.0

No. Cont: 1 Cont: pc

Date Rec'd: 01/26/2011

Gross Wt.: 8.34

Subst: TABS

No. Analyzed:

Net Weight:

Tests: 1 ASD

+ 12/18

Findings:

Prelim: *lorazepam*

LORAZEPAM

No. [REDACTED] Date Analyzed: APR 08 2011
City: Weymouth Police Dept.
Officer: Detective THOMAS ANDERSON
Def: [REDACTED]
Amount: 1.0
No. Cont: 1 Cont: pb
Date Rec'd: 01/26/2011
Gross Wt.: 4.85
Subst: TAB

No. Analyzed:
Net Weight:

Tests: 1 ASD

+ 12/18

Prelim: *Mexico*

Findings:

12/18

May
June
D

gross wt 2 pb = 4.8

gross wt 1 pb = 2.6

Pawon H040111, S too weak
RTC to concentrate 4/8/11 JSD

GMS + D04H311.5

GMS + H040111.5

DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY Weymouth ANALYST ASJ

No. of samples tested: Evidence Wt.

PHYSICAL DESCRIPTION:

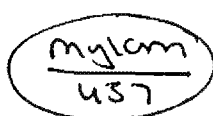
2 white rnd tablet
in ipc

Gross Wt ():

Gross Wt ():

Pkg. Wt:

Net Wt: 0.2620



PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate ()

Marquis

Froehde's

Mecke's

Microcrystalline Tests

Gold
Chloride

TLTA ()

OTHER TESTS

Monomer A (P)

PRELIMINARY TEST RESULTS

RESULTS Lorazepam

DATE 3-25-11

GC/MS CONFIRMATORY TEST

RESULTS Lorazepam

MS
OPERATOR DCS

DATE 4-15-11

Drug Information

DRUG NAME: LORAZEPAM

INGREDIENTS: LORAZEPAM -- 1 MG

Color: White to Off-White , white

Shape: Circle

Imprint: MYLAN 457 The tablet is debossed with MYLAN above the score and 457 below the score on one side.

Form: Oral Tablet

Available-Container-Size: Strip of 25 , Bottle of 100 , Bottle of 1000 , Dispenser Pack of 300 , Strip of 300 , Strip of 100 , Strip of 1 , Bottle of 500

AAPCC Code: 007000 - Benzodiazepines

NDC: 51079-386-20

51079-386-01

0378-2457-05

51079-386-30

51079-386-21

0378-0457-05

51079-386-19

0378-2457-01

0378-2457-10

0378-0457-10

51079-386-24

51079-386-56

0378-0457-01

Excipients: Lactose (Monohydrate) ; Cellulose, Microcrystalline ; Polacrillin Potassium ; Sodium Stearyl Fumarate

Regulatory Status: Schedule IV

Availability: United States

Product ID 5150787

Contact: Mylan Pharmaceuticals

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DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY Weymouth. ANALYST ADG

No. of samples tested: Evidence Wt.

PHYSICAL DESCRIPTION:

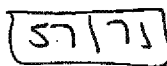
1 white rectangular tablet
n 1 R5

Gross Wt ():

Gross Wt ():

Pkg. Wt:

Net Wt: 0.2479



PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate ()

Marquis

Froehde's

Mecke's

Microcrystalline Tests

Gold
Chloride

TLTA ()

OTHER TESTS

Monomer A (P)

PRELIMINARY TEST RESULTS

RESULTS methadone

DATE 3-25-11

GC/MS CONFIRMATORY TEST

RESULTS methadone

MS
OPERATOR DCS

DATE 4-8-11

Drug Information

DRUG NAME: METHADONE HYDROCHLORIDE

INGREDIENTS: METHADONE HYDROCHLORIDE -- 10 MG

Color: White to Off-White

Shape: Rectangle

Imprint: M The tablet is debossed with a score between 57 and 71 on one side and M enclosed in a box on the other side. , 57 71 , 5771

Form: Oral Tablet

Available-Container-Size: Bottle of 100 , 10X10

AAPCC Code: 037703 - Methadone

NDC: 0406-5771-01
0406-5771-62

Excipients: Magnesium Stearate ; Cellulose, Microcrystalline ; Silicon Dioxide ; Lactose (Monohydrate)

Regulatory Status: Schedule II

Availability: United States

Product ID 6710697

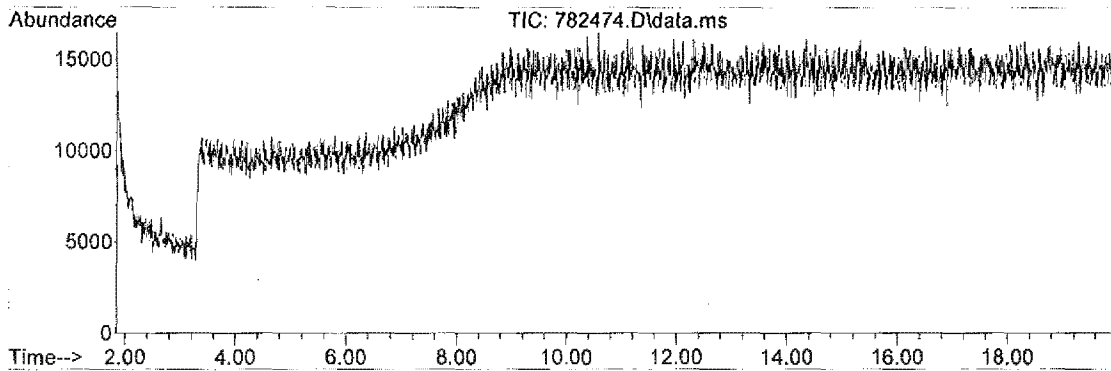
Contact: Covidien Mallinckrodt

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Area Percent / Library Search Report

Information from Data File:

File Name : F:\SYSTEM4\04_13_11\782474.D
Operator : DCS
Date Acquired : 14 Apr 2011 3:32
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: GENSCAN
Integrator : RTE



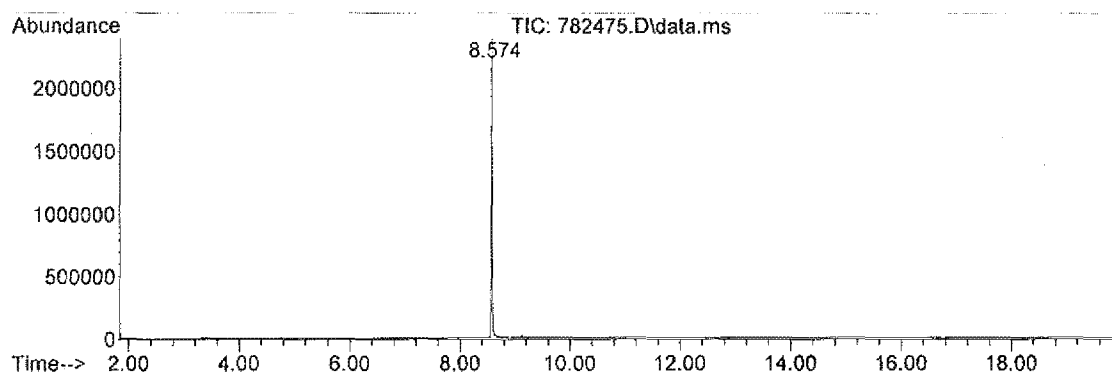
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\SYSTEM4\04_13_11\782475.D
 Operator : DCS
 Date Acquired : 14 Apr 2011 3:56
 Sample Name : LORAZEPAM STANDARD
 Submitted by :
 Vial Number : 75
 AcquisitionMeth: GENSCAN
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
8.574	2695391	100.00	100.00

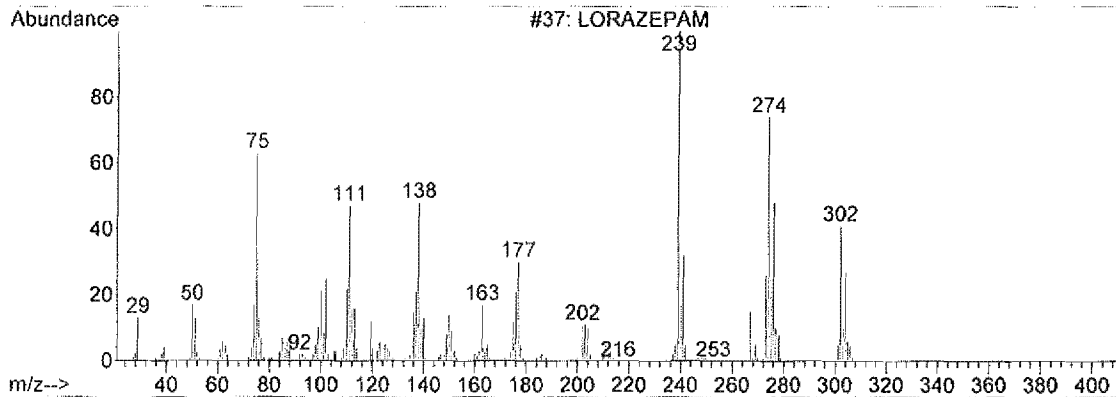
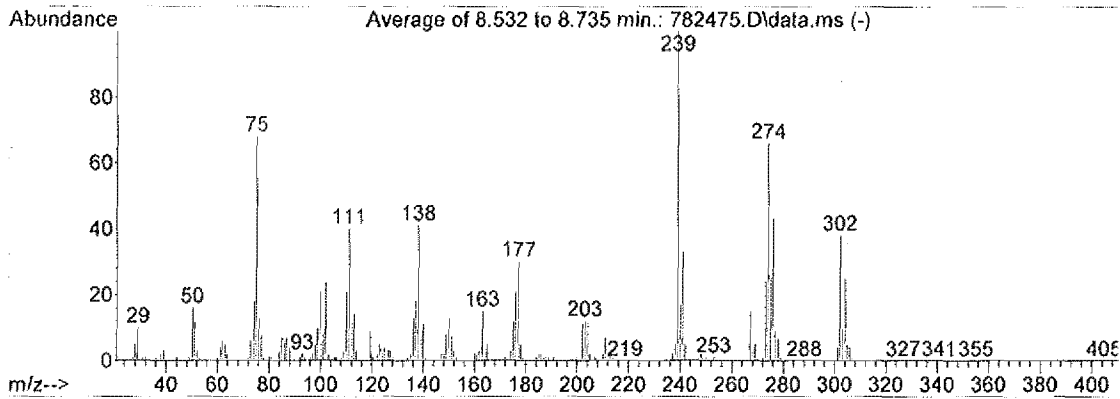
Area Percent / Library Search Report

Information from Data File:

File Name : F:\SYSTEM4\04_13_11\782475.D
 Operator : DCS
 Date Acquired : 14 Apr 2011 3:56
 Sample Name : LORAZEPAM STANDARD
 Submitted by :
 Vial Number : 75
 AcquisitionMeth: GENSCAN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

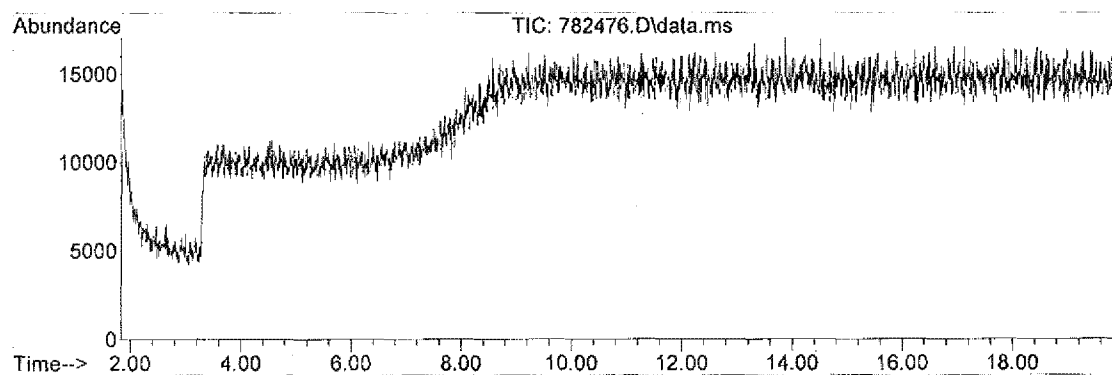
PK#	RT	Library/ID	CAS#	Qual
1	8.57	C:\Database\SLI.L LORAZEPAM	000846-49-1	95



Area Percent / Library Search Report

Information from Data File:

File Name : F:\SYSTEM4\04_13_11\782476.D
Operator : DCS
Date Acquired : 14 Apr 2011 4:21
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: GENSCAN
Integrator : RTE



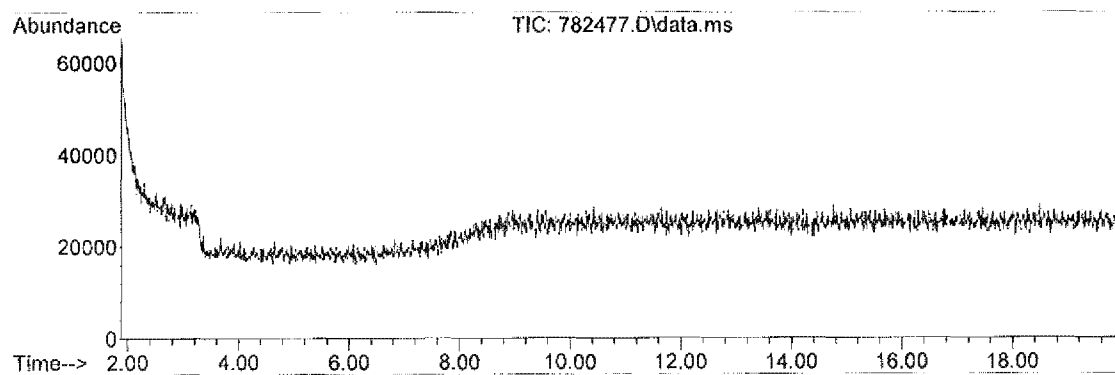
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\SYSTEM4\04_13_11\782477.D
 Operator : DCS
 Date Acquired : 14 Apr 2011 4:46
 Sample Name : BLANK
 Submitted by : ASD
 Vial Number : 2
 AcquisitionMeth: WGENSCN
 Integrator : RTE



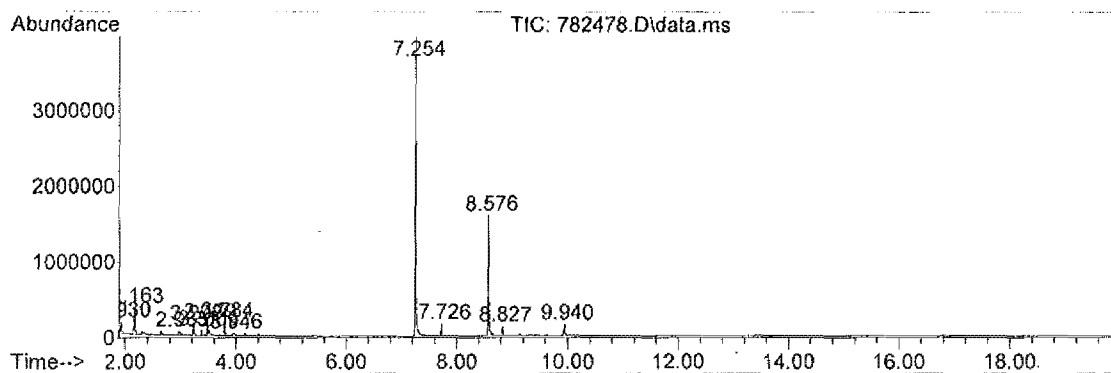
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\SYSTEM4\04_13_11\782478.D
 Operator : DCS
 Date Acquired : 14 Apr 2011 5:11
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 78
 AcquisitionMeth: WGENSCN
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
1.930	272784	3.33	6.94
2.163	569438	6.96	14.49
2.965	122510	1.50	3.12
3.228	207529	2.54	5.28
3.371	104786	1.28	2.67
3.479	189052	2.31	4.81
3.509	126901	1.55	3.23
3.784	232947	2.85	5.93
3.946	129533	1.58	3.30
7.254	3930111	48.01	100.00
7.726	148793	1.82	3.79
8.576	1717823	20.99	43.71
8.827	173359	2.12	4.41
9.940	260148	3.18	6.62

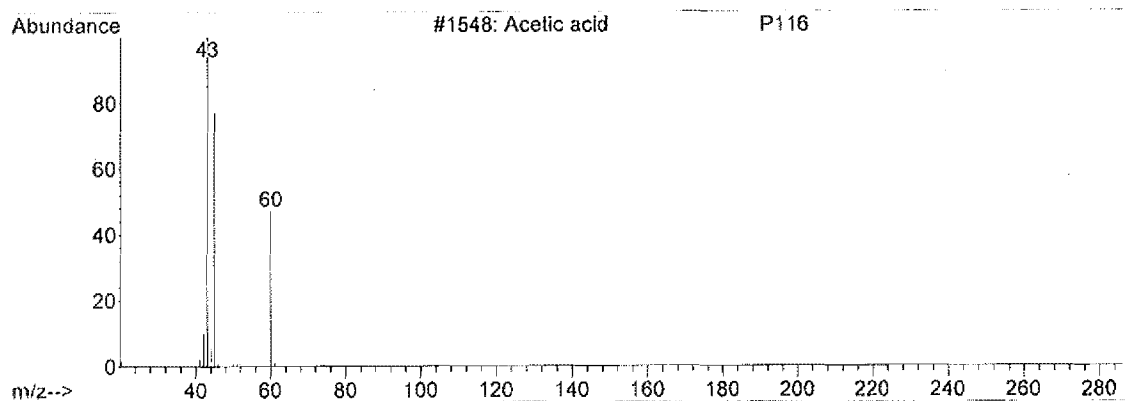
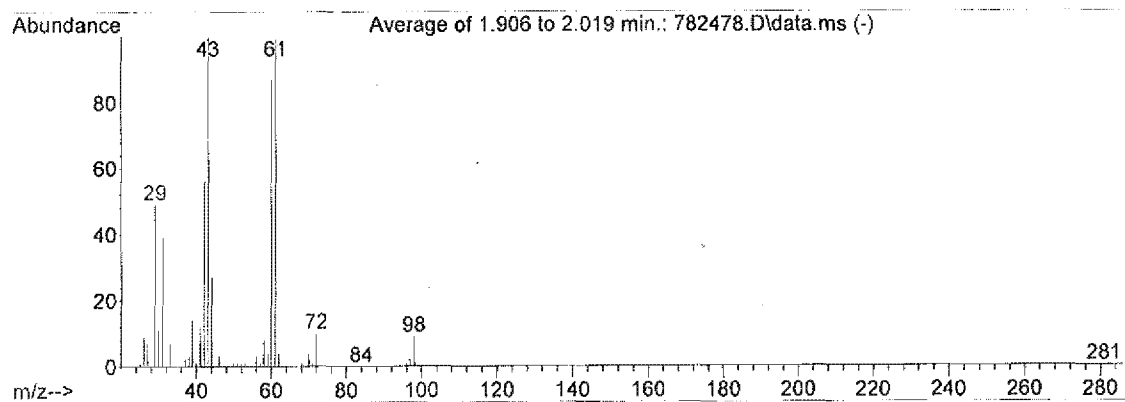
Area Percent / Library Search Report

Information from Data File:

File Name : F:\SYSTEM4\04_13_11\782478.D
 Operator : DCS
 Date Acquired : 14 Apr 2011 5:11
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 78
 AcquisitionMeth: WGENSCN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	1.93	C:\Database\PMW_TOX2.L		
		Acetic acid	000064-19-7	4
		Acetic acid anhydride	000108-24-7	2
		Metobromuron	003060-89-7	1



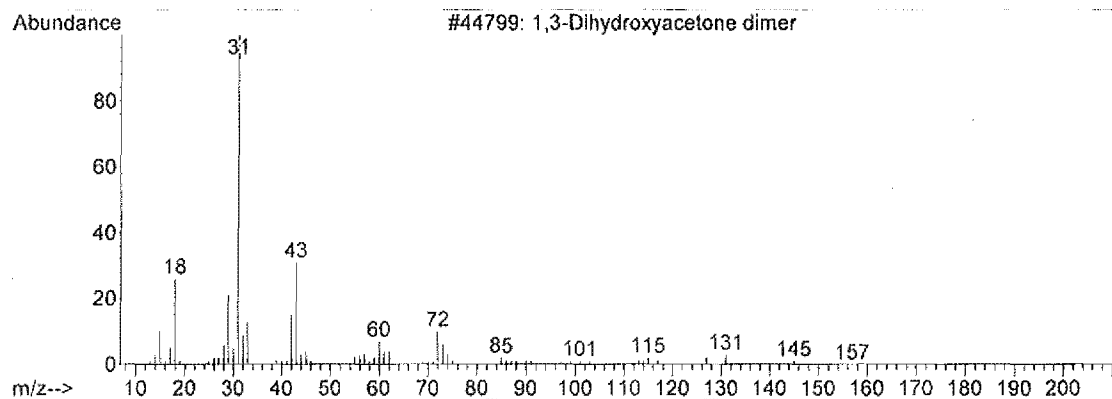
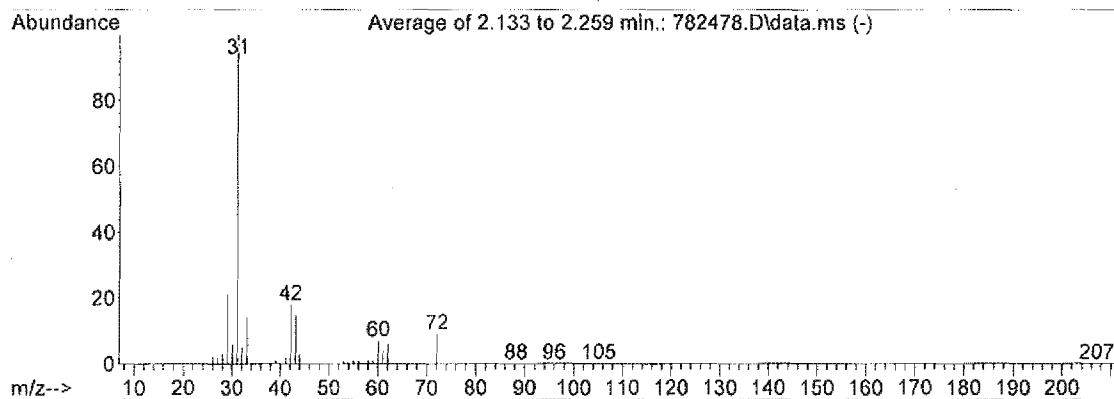
Area Percent / Library Search Report

Information from Data File:

File Name : F:\SYSTEM4\04_13_11\782478.D
 Operator : DCS
 Date Acquired : 14 Apr 2011 5:11
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 78
 AcquisitionMeth: WGENSCN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.16	C:\Database\NIST08.L		
		1,3-Dihydroxyacetone dimer	062147-49-3	83
		2-Propanone, 1,3-dihydroxy-	000096-26-4	74
		1,2-Ethanediol	000107-21-1	50



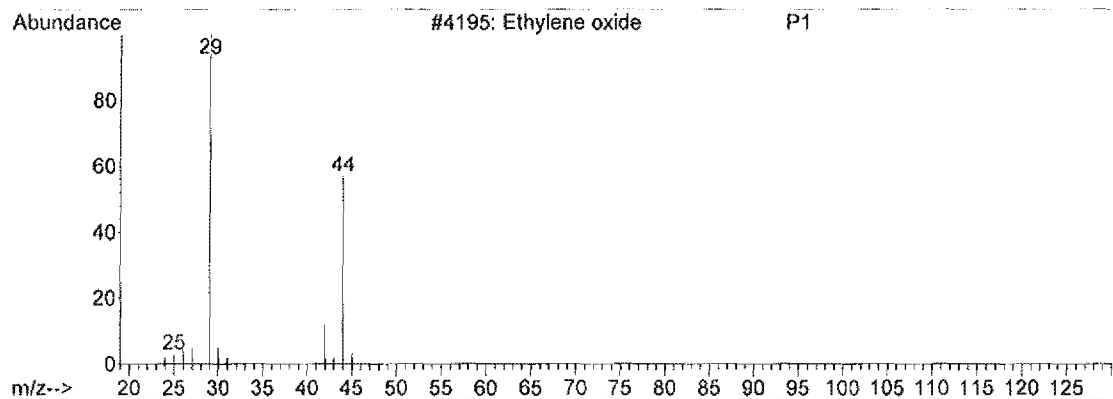
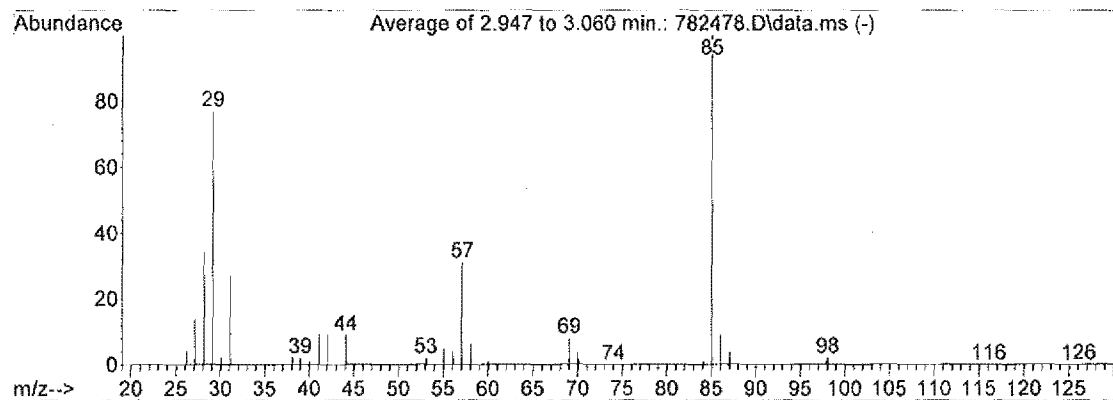
Area Percent / Library Search Report

Information from Data File:

File Name : F:\SYSTEM4\04_13_11\782478.D
 Operator : DCS
 Date Acquired : 14 Apr 2011 5:11
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 78
 AcquisitionMeth: WGENSCN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	2.96	C:\Database\PMW_TOX2.L		
		Ethylene oxide	000075-21-8	2
		Dichlorodifluoromethane	@ 000075-71-8	1
		Mefruside ME	000000-00-0	1



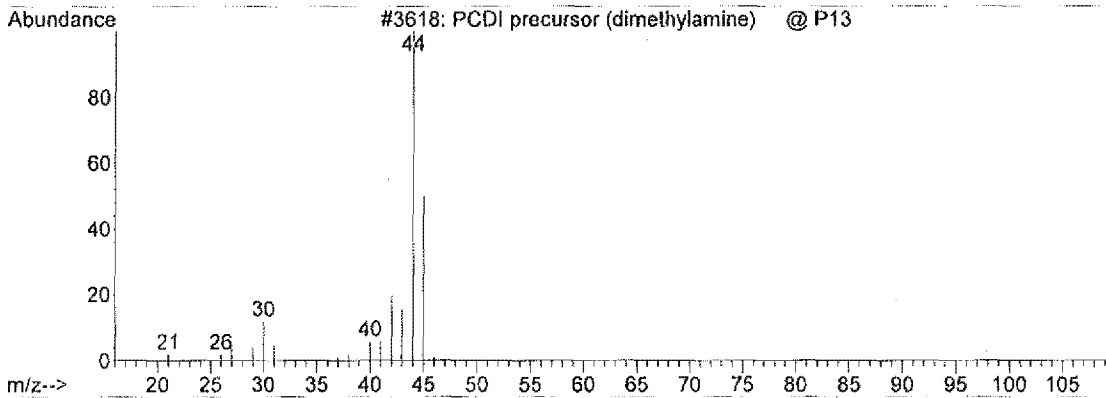
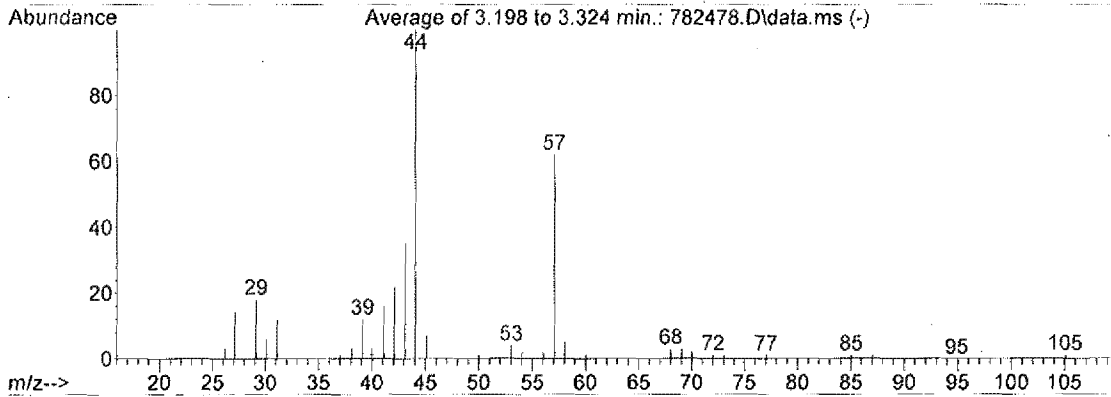
Area Percent / Library Search Report

Information from Data File:

File Name : F:\SYSTEM4\04_13_11\782478.D
 Operator : DCS
 Date Acquired : 14 Apr 2011 5:11
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 78
 AcquisitionMeth: WGENSCN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	3.23	C:\Database\PMW_TOX2.L		
		PCDI precursor (dimethylamine)	000124-40-3	4
		Dimethylformamide	000068-12-2	1
		Isooctane	000540-84-1	1



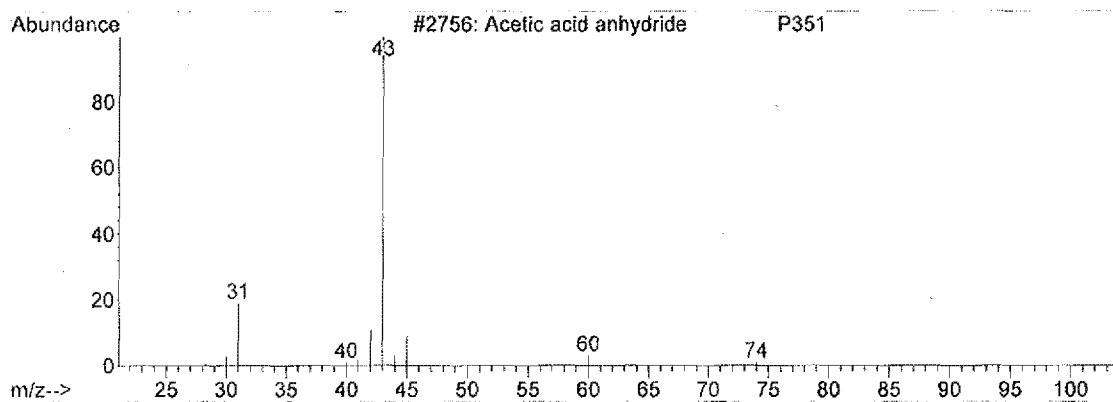
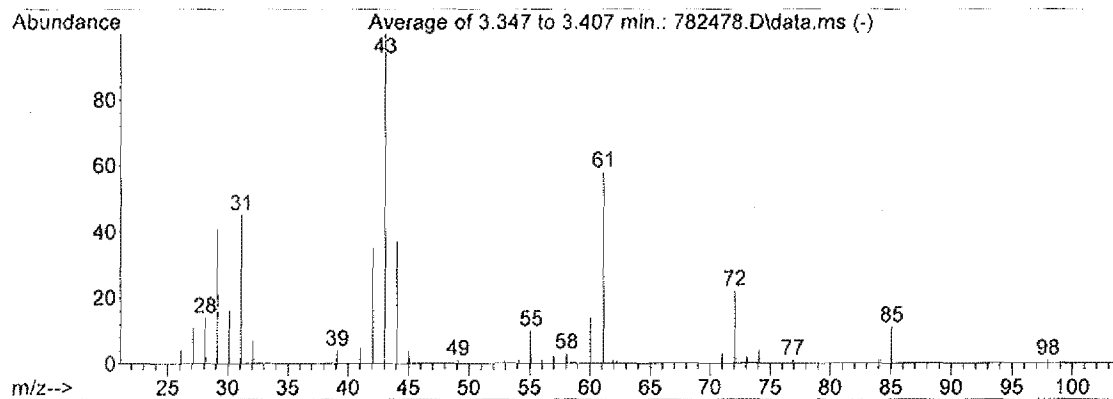
Area Percent / Library Search Report

Information from Data File:

File Name : F:\SYSTEM4\04_13_11\782478.D
Operator : DCS
Date Acquired : 14 Apr 2011 5:11
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 78
AcquisitionMeth: WGENSCN
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
5	3.37	C:\Database\PMW_TOX2.L		
		Acetic acid anhydride	000108-24-7	2
		Monolinuron	001746-81-2	1
		Octane	000111-65-9	1



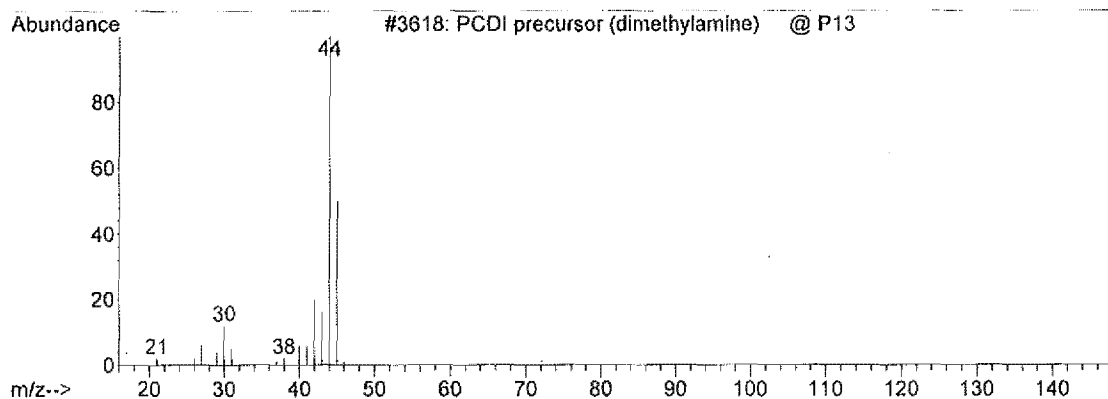
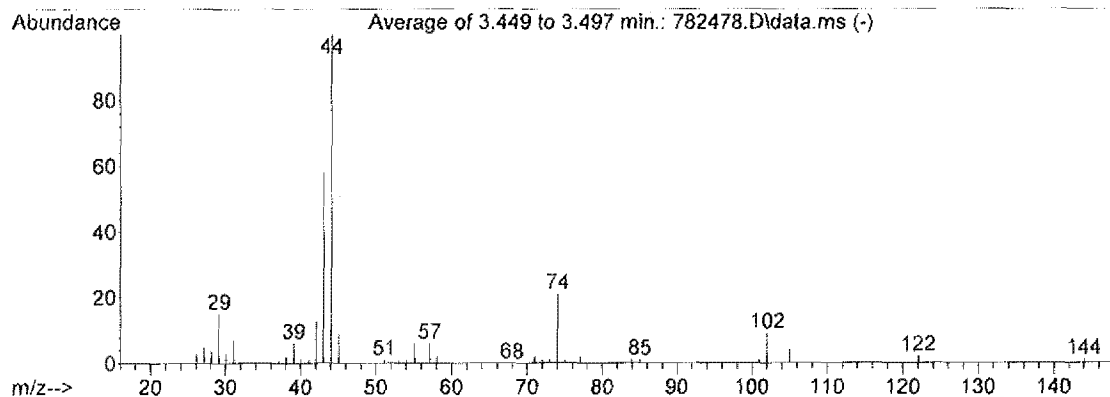
Area Percent / Library Search Report

Information from Data File:

File Name : F:\SYSTEM4\04_13_11\782478.D
Operator : DCS
Date Acquired : 14 Apr 2011 5:11
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 78
AcquisitionMeth: WGENSCN
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
6	3.48	C:\Database\PMW_TOX2.L		
		PCDI precursor (dimethylamine)	000124-40-3	4
		Air	000000-00-0	2
		Dimethylformamide	000068-12-2	1



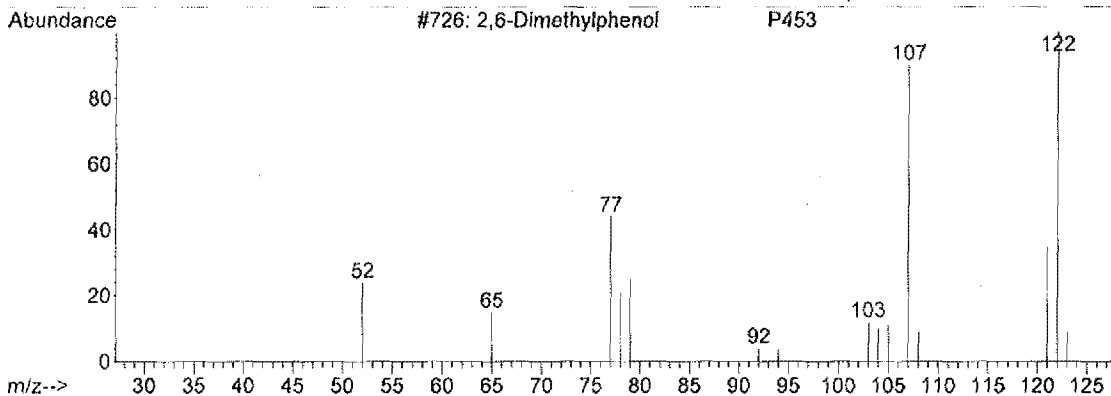
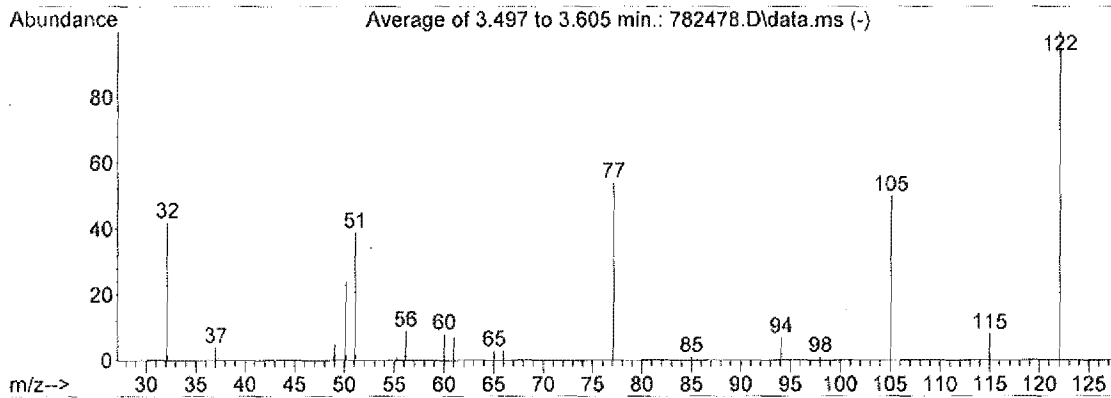
Area Percent / Library Search Report

Information from Data File:

File Name : F:\SYSTEM4\04_13_11\782478.D
 Operator : DCS
 Date Acquired : 14 Apr 2011 5:11
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 78
 AcquisitionMeth: WGENSCN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
7	3.51	C:\Database\PMW_TOX2.L		
		2,6-Dimethylphenol	000576-26-1	9
		PMA	@ 000064-13-1	4
		2,6-Dimethylphenol AC	000000-00-0	1



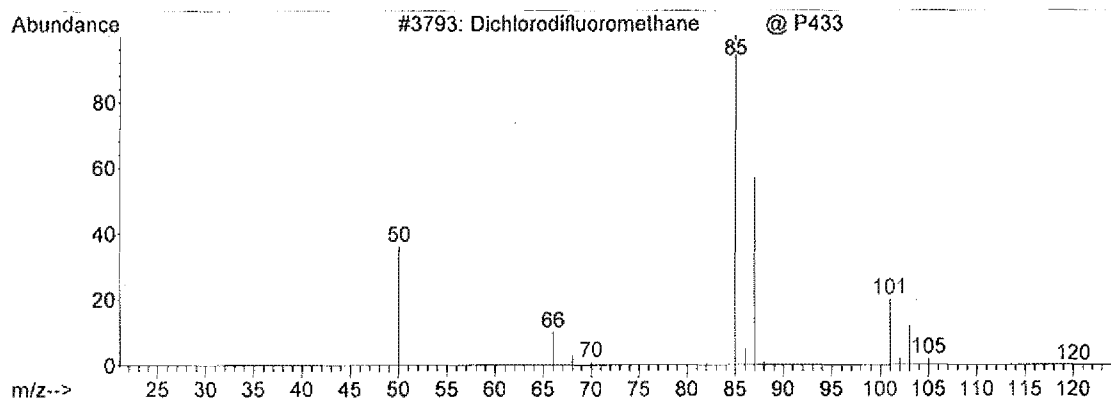
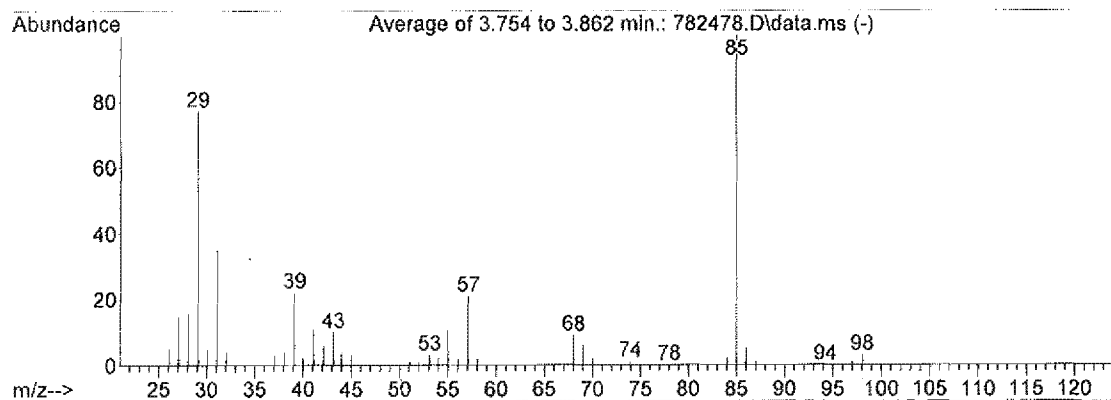
Area Percent / Library Search Report

Information from Data File:

File Name : F:\SYSTEM4\04_13_11\782478.D
 Operator : DCS
 Date Acquired : 14 Apr 2011 5:11
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 78
 AcquisitionMeth: WGENSCN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
8	3.78	C:\Database\PMW_TOX2.L		
		Dichlorodifluoromethane	@ 000075-71-8	1
		Mefruside ME	000000-00-0	1
		Mefruside 2ME	000000-00-0	1



Area Percent / Library Search Report

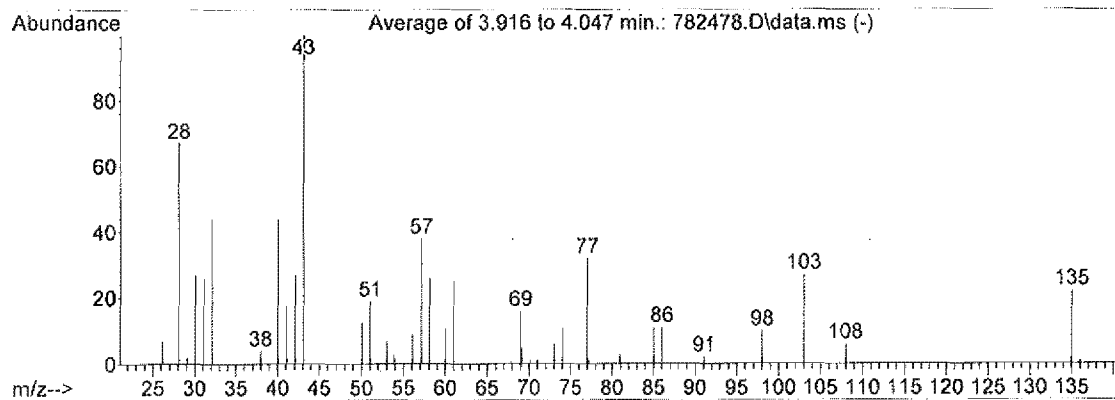
Information from Data File:

File Name : F:\SYSTEM4\04_13_11\782478.D
 Operator : DCS
 Date Acquired : 14 Apr 2011 5:11
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 78
 AcquisitionMeth: WGENSCN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
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No Hits Found



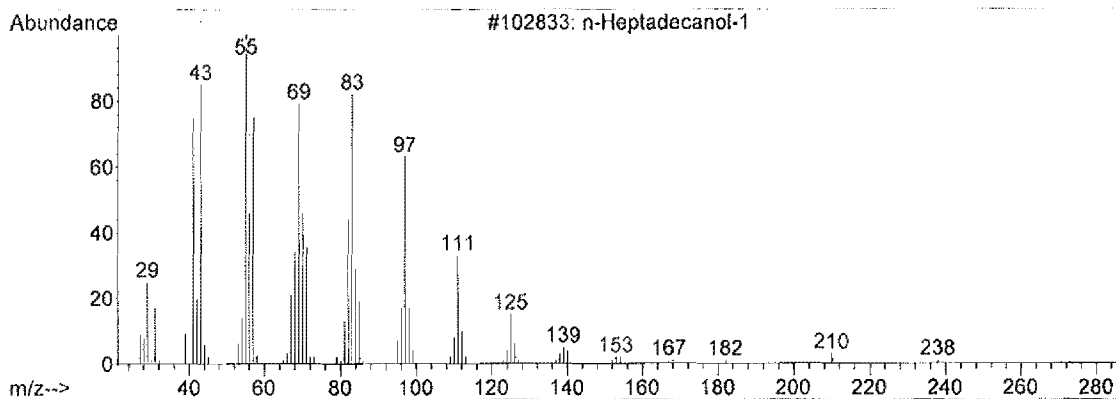
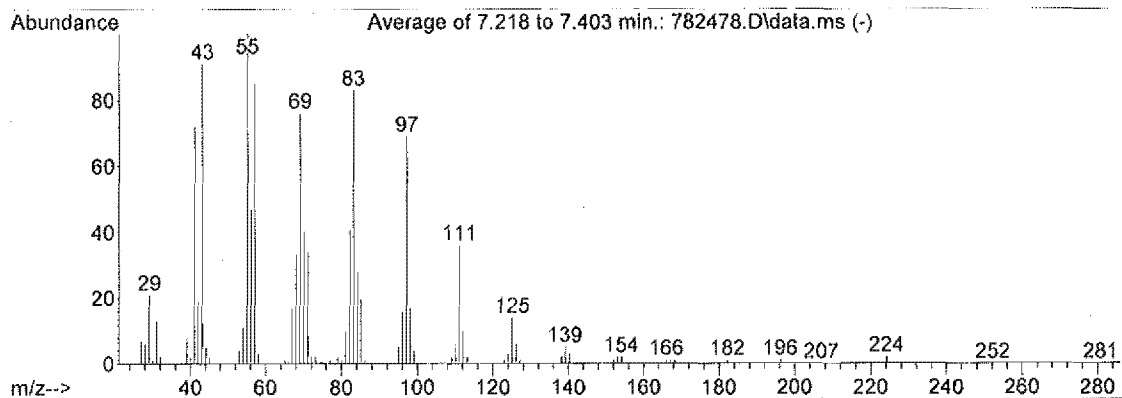
Area Percent / Library Search Report

Information from Data File:

File Name : F:\SYSTEM4\04_13_11\782478.D
Operator : DCS
Date Acquired : 14 Apr 2011 5:11
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 78
AcquisitionMeth: WGENSCN
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
10	7.25	C:\Database\NIST08.L		
		n-Heptadecanol-1	001454-85-9	95
		Bromoacetic acid, pentadecyl ester	131143-01-6	95
		1-Hexadecanol	036653-82-4	94



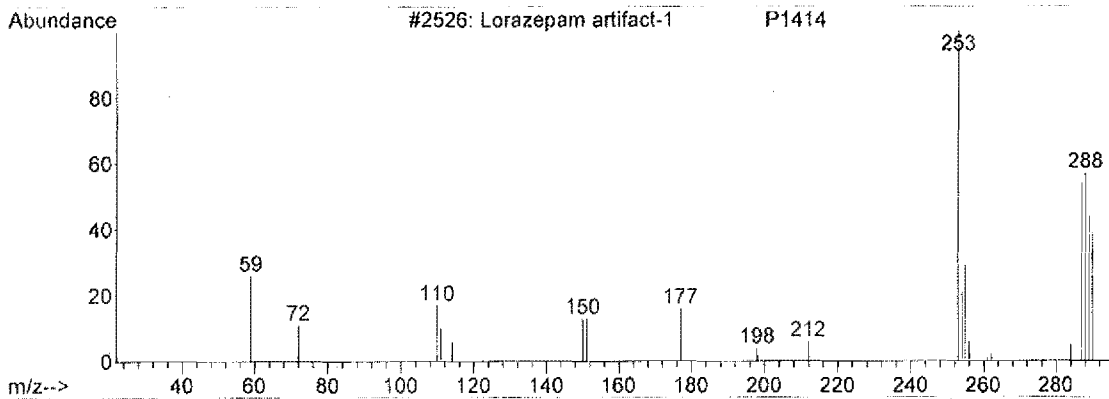
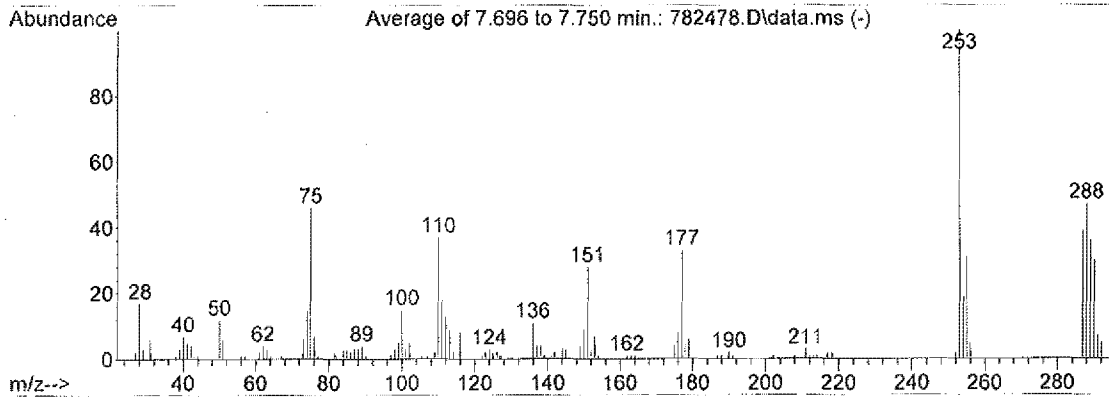
Area Percent / Library Search Report

Information from Data File:

File Name : F:\SYSTEM4\04_13_11\782478.D
 Operator : DCS
 Date Acquired : 14 Apr 2011 5:11
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 78
 AcquisitionMeth: WGENSCN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
11	7.73	C:\Database\PMW_TOX2.L		
		Lorazepam artifact-1	000000-00-0	87
		Tetrazepam	010379-14-3	53
		Oxazepam-M artifact-1	@ 000000-00-0	5



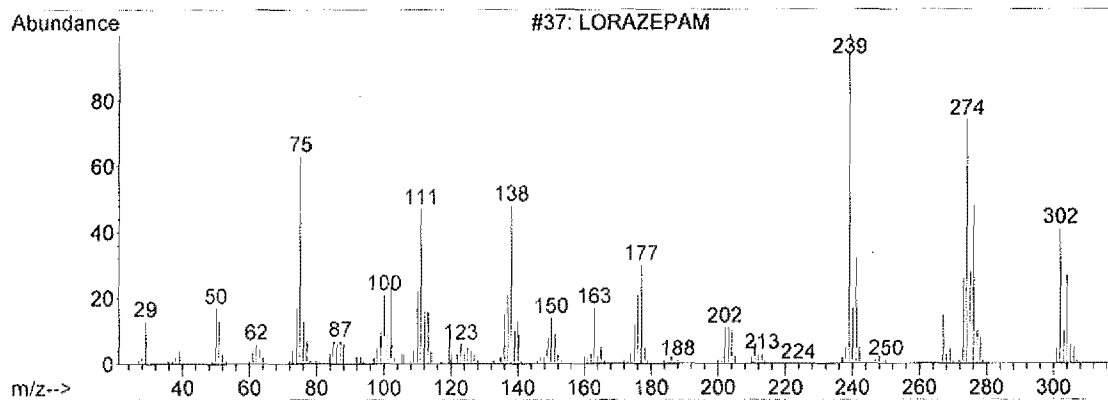
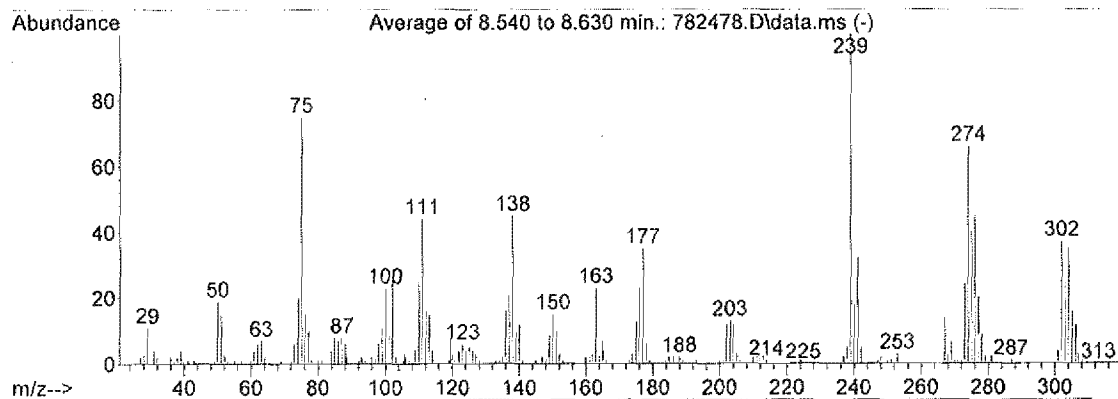
Area Percent / Library Search Report

Information from Data File:

File Name : F:\SYSTEM4\04_13_11\782478.D
 Operator : DCS
 Date Acquired : 14 Apr 2011 5:11
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 78
 AcquisitionMeth: WGENSCN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
12	8.58	C:\Database\SLI.L LORAZEPAM	000846-49-1	93



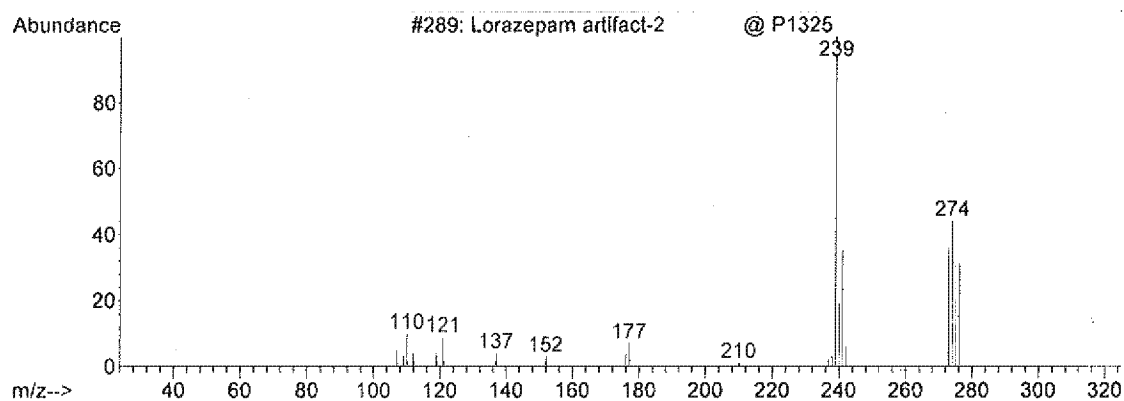
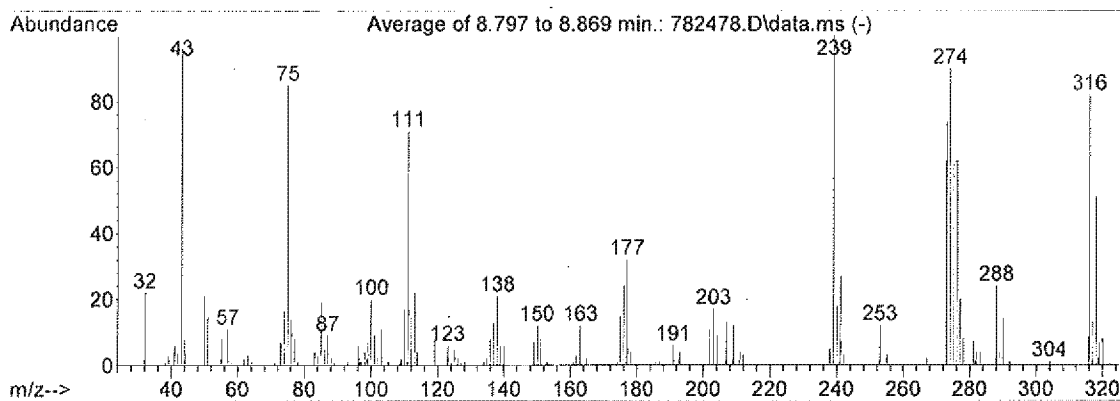
Area Percent / Library Search Report

Information from Data File:

File Name : F:\SYSTEM4\04_13_11\782478.D
 Operator : DCS
 Date Acquired : 14 Apr 2011 5:11
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 78
 AcquisitionMeth: WGENSCN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
13	8.83	C:\Database\PMW_TOX2.L		
		Lorazepam artifact-2	@ 000000-00-0	60
		Hydroxyandrostene	001153-51-1	11
		Lorazepam isomer-2 2ME	000000-00-0	10



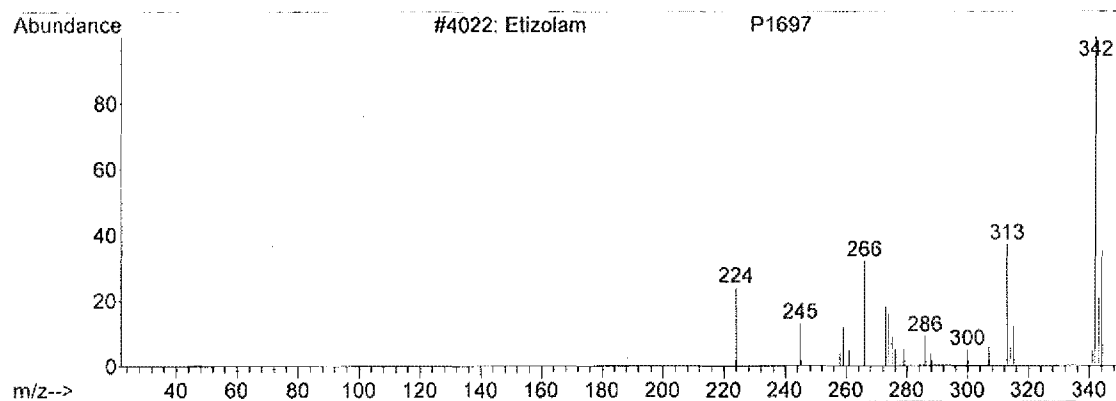
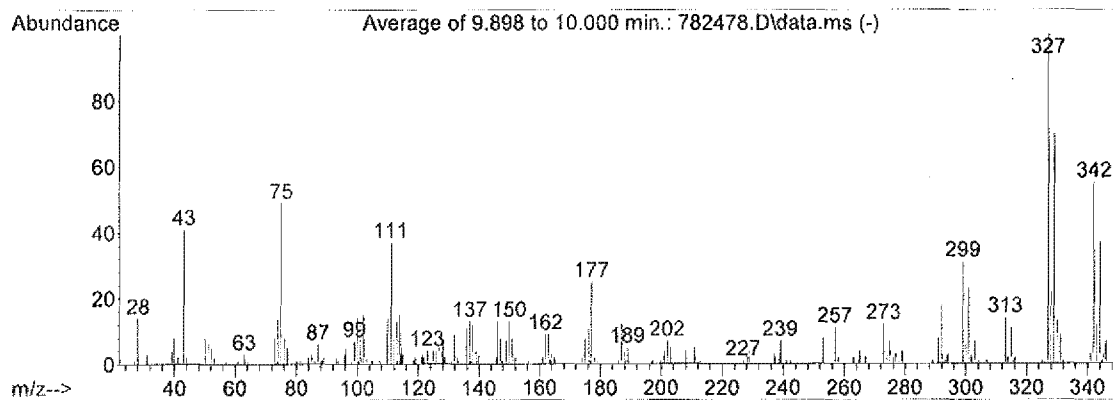
Area Percent / Library Search Report

Information from Data File:

File Name : F:\SYSTEM4\04_13_11\782478.D
 Operator : DCS
 Date Acquired : 14 Apr 2011 5:11
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 78
 AcquisitionMeth: WGENSCN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

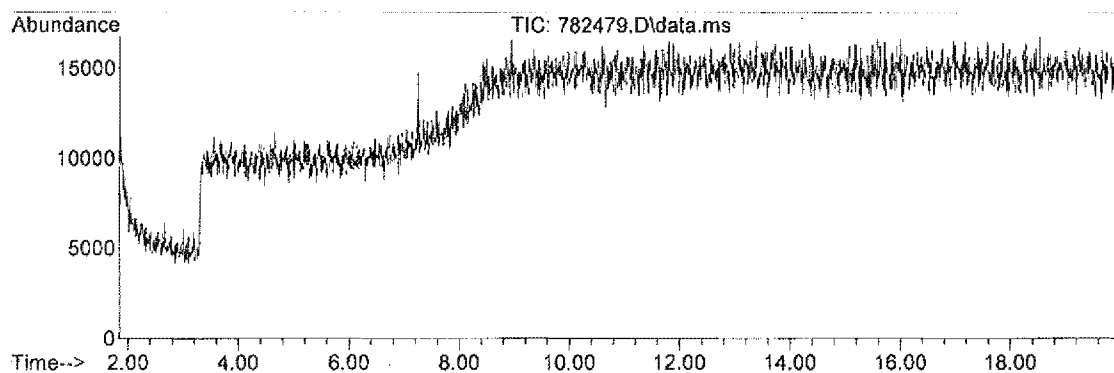
PK#	RT	Library/ID	CAS#	Qual
14	9.94	C:\Database\PMW_TOX2.L		
		Etizolam	040054-69-1	25
		Heroin-M (6-acetyl-morphine)	059833-14-6	22
		Tetrahydrocannabinol ET	000000-00-0	9



Area Percent / Library Search Report

Information from Data File:

File Name : F:\SYSTEM4\04_13_11\782479.D
Operator : DCS
Date Acquired : 14 Apr 2011 5:36
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: GENSCAN
Integrator : RTE



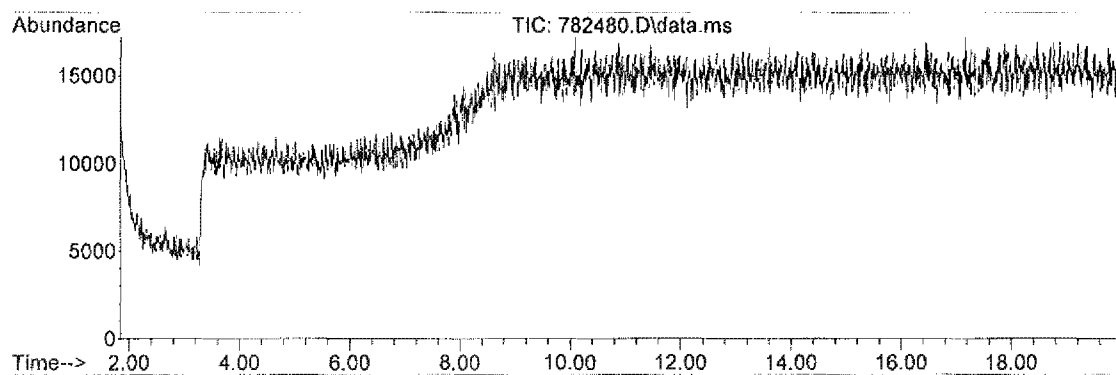
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\SYSTEM4\04_13_11\782480.D
Operator : DCS
Date Acquired : 14 Apr 2011 6:01
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: GENSCAN
Integrator : RTE



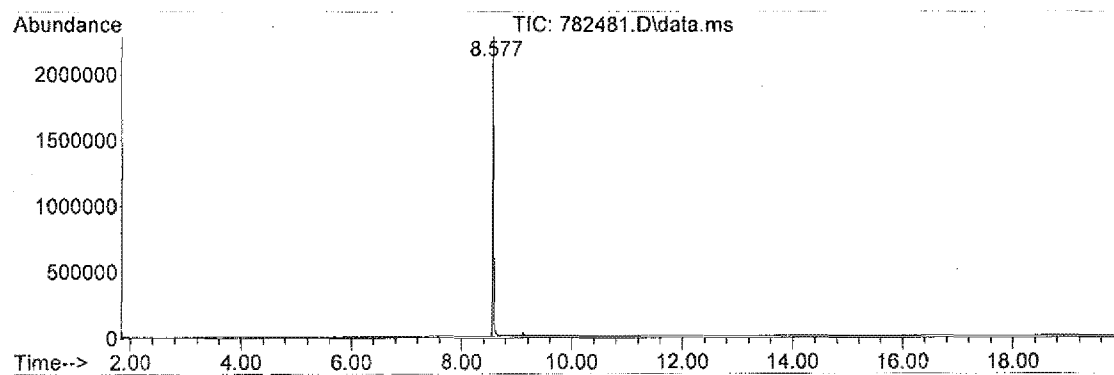
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\SYSTEM4\04_13_11\782481.D
 Operator : DCS
 Date Acquired : 14 Apr 2011 6:25
 Sample Name : LORAZEPAM STANDARD
 Submitted by :
 Vial Number : 75
 AcquisitionMeth: GENSCAN
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
8.577	2563637	100.00	100.00

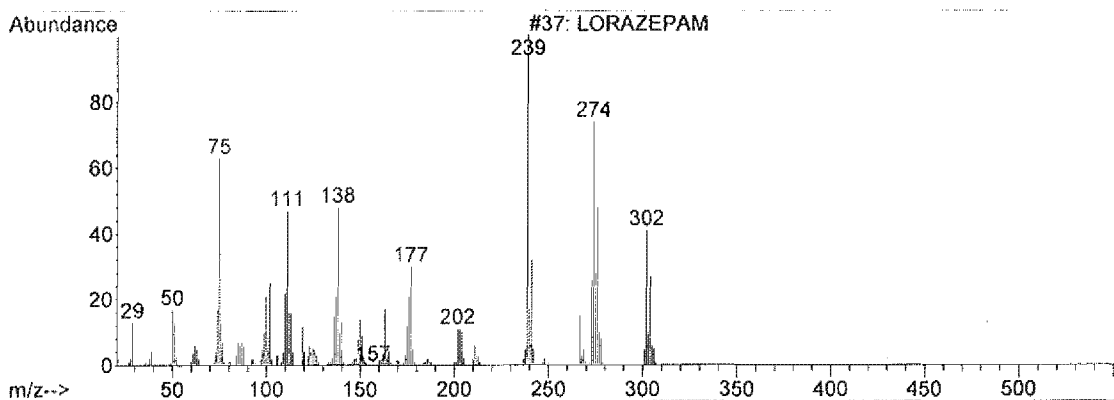
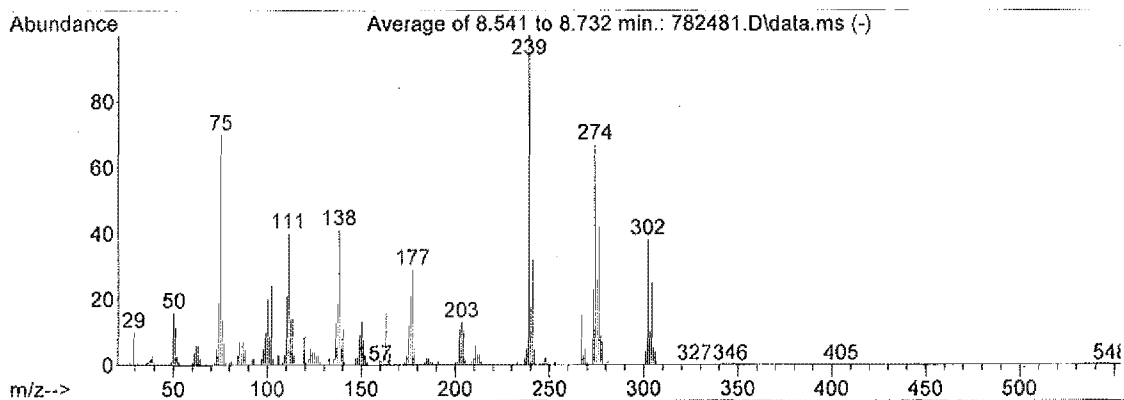
Area Percent / Library Search Report

Information from Data File:

File Name : F:\SYSTEM4\04_13_11\782481.D
 Operator : DCS
 Date Acquired : 14 Apr 2011 6:25
 Sample Name : LORAZEPAM STANDARD
 Submitted by :
 Vial Number : 75
 AcquisitionMeth: GENSCAN
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

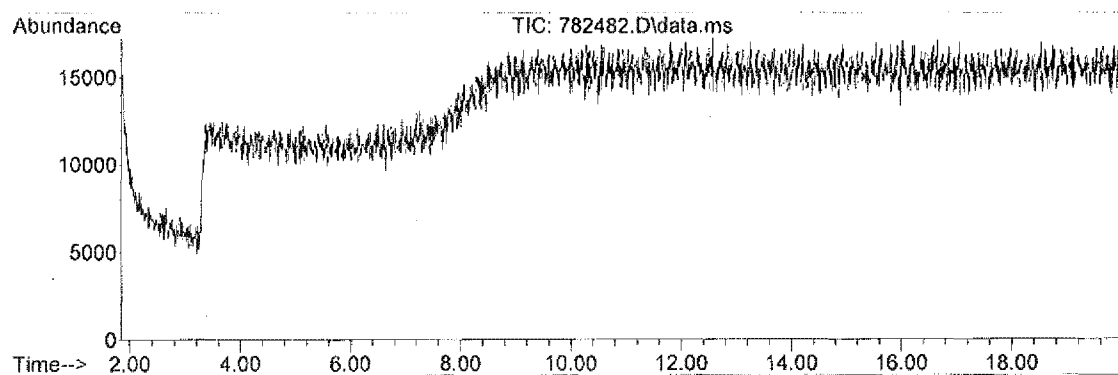
PK#	RT	Library/ID	CAS#	Qual
1	8.58	C:\Database\SLI.L LORAZEPAM	000846-49-1	95



Area Percent / Library Search Report

Information from Data File:

File Name : F:\SYSTEM4\04_13_11\782482.D
 Operator : DCS
 Date Acquired : 14 Apr 2011 6:50
 Sample Name : BLANK
 Submitted by :
 Vial Number : 2
 AcquisitionMeth: GENSCAN
 Integrator : RTE



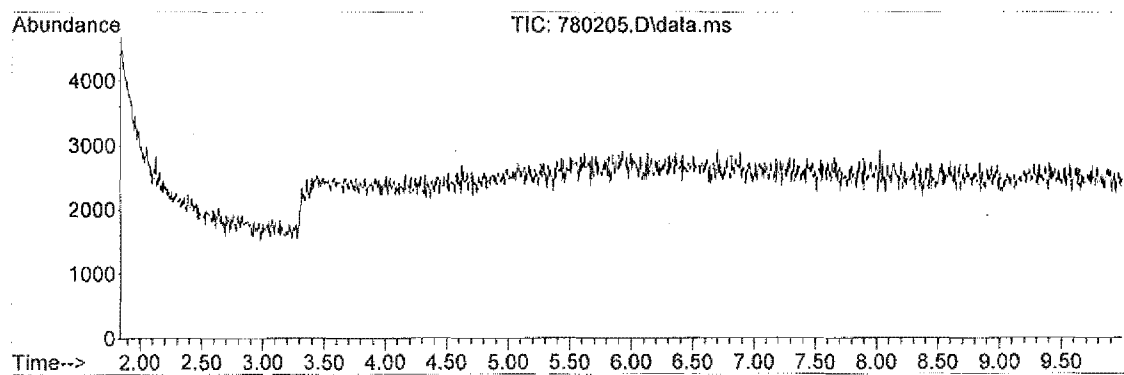
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : K:\04_01_11\780205.D
Operator : DJR
Date Acquired : 1 Apr 2011 12:20
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



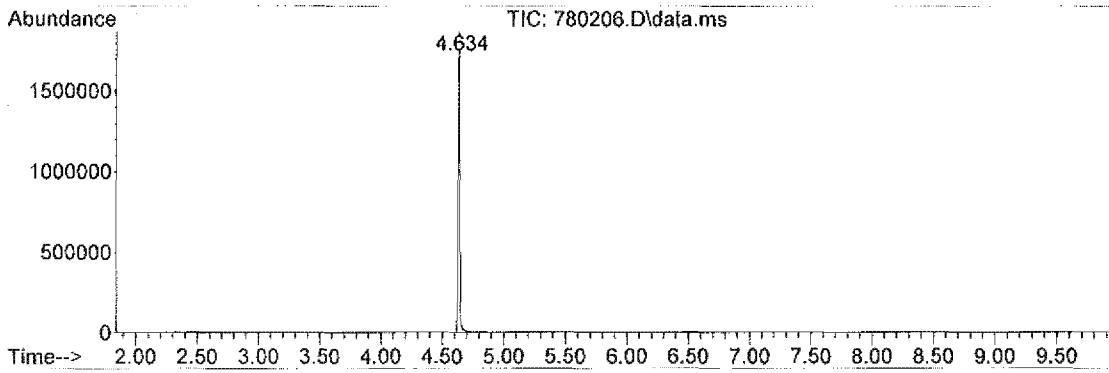
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : K:\04_01_11\780206.D
 Operator : DJR
 Date Acquired : 1 Apr 2011 12:33
 Sample Name : METHADONE STD
 Submitted by :
 Vial Number : 6
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.634	1661435	100.00	100.00

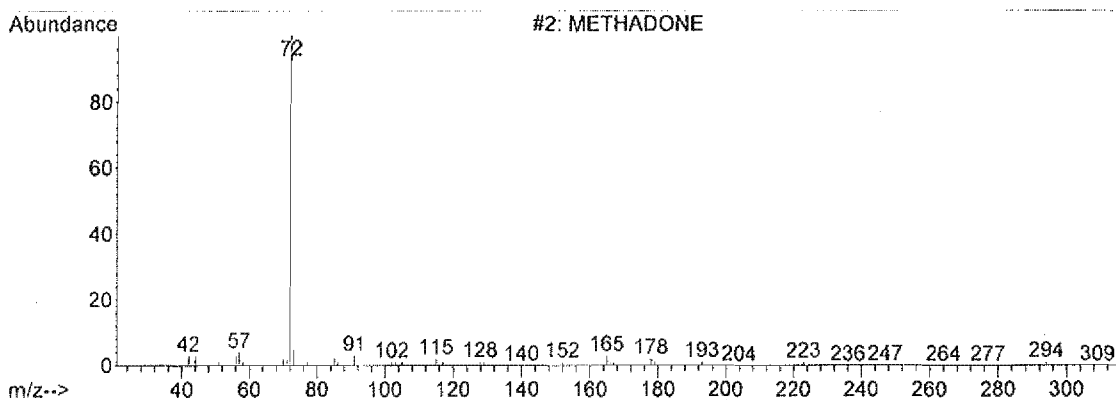
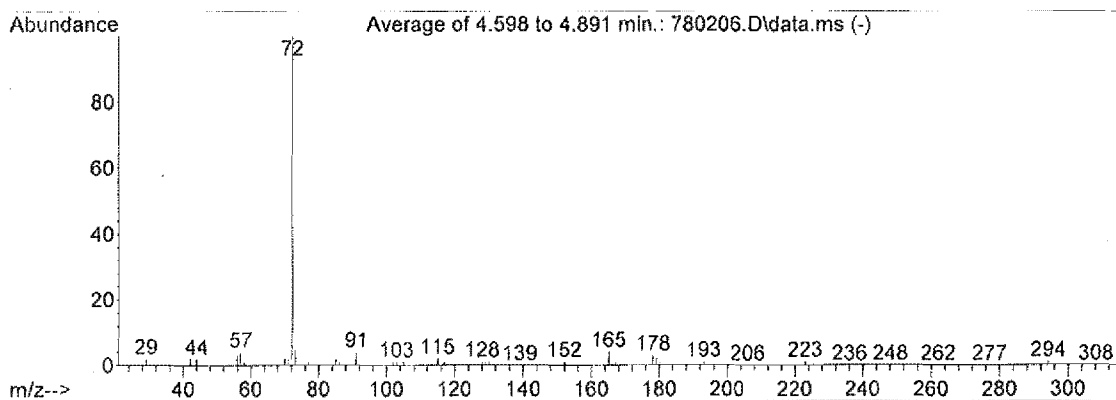
Area Percent / Library Search Report

Information from Data File:

File Name : K:\04_01_11\780206.D
 Operator : DJR
 Date Acquired : 1 Apr 2011 12:33
 Sample Name : METHADONE STD
 Submitted by :
 Vial Number : 6
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

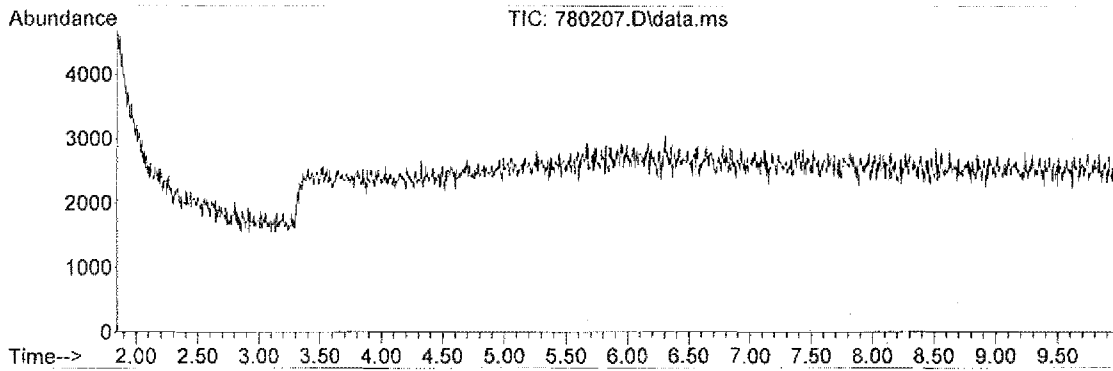
PK#	RT	Library/ID	CAS#	Qual
1	4.63	C:\Database\SLI.L METHADONE	001095-90-5	96



Area Percent / Library Search Report

Information from Data File:

File Name : K:\04_01_11\780207.D
Operator : DJR
Date Acquired : 1 Apr 2011 12:46
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



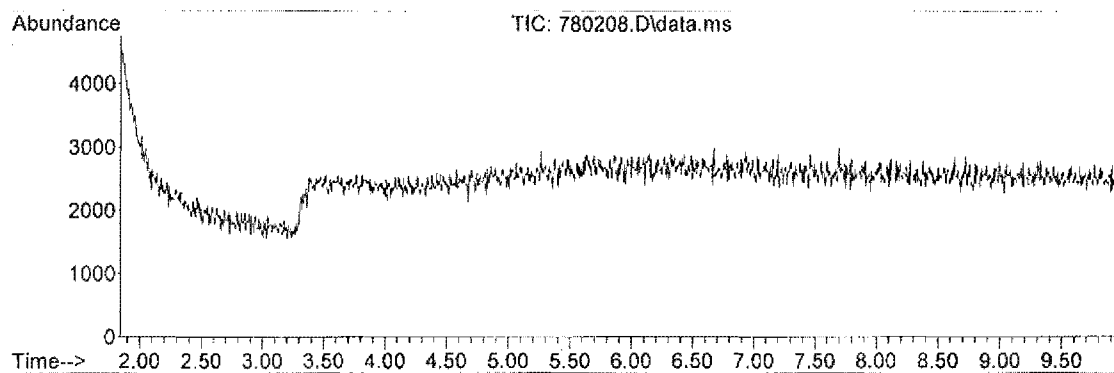
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : K:\04_01_11\780208.D
 Operator : DJR
 Date Acquired : 1 Apr 2011 12:59
 Sample Name : BLANK
 Submitted by : ASD
 Vial Number : 1
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

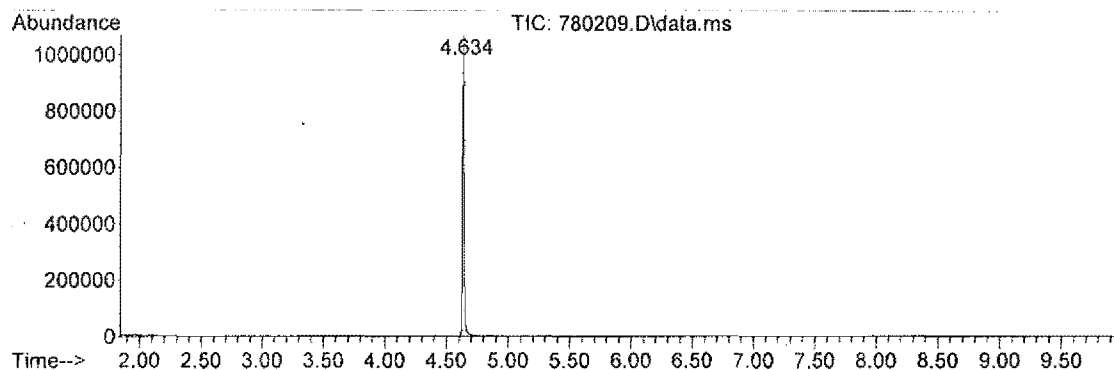


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : K:\04_01_11\780209.D
Operator : DJR
Date Acquired : 1 Apr 2011 13:12
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 9
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.634	1004752	100.00	100.00

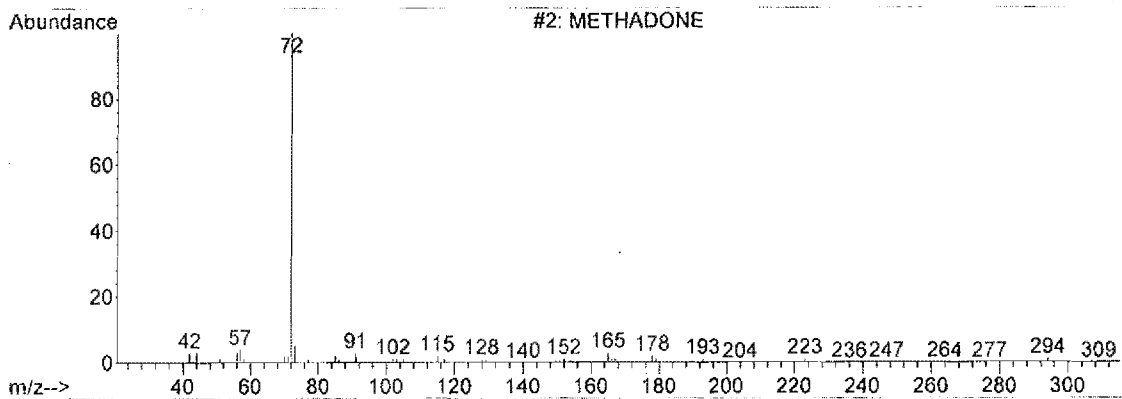
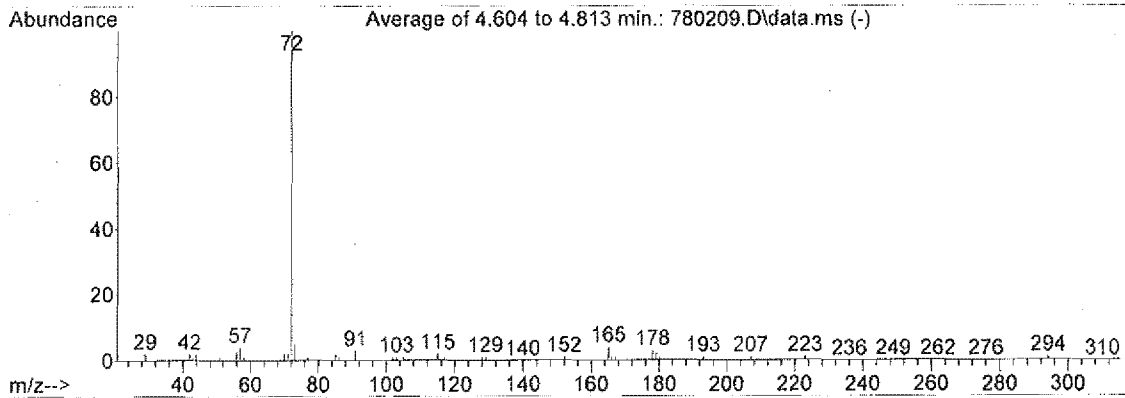
Area Percent / Library Search Report

Information from Data File:

File Name : K:\04_01_11\780209.D
 Operator : DJR
 Date Acquired : 1 Apr 2011 13:12
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 9
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

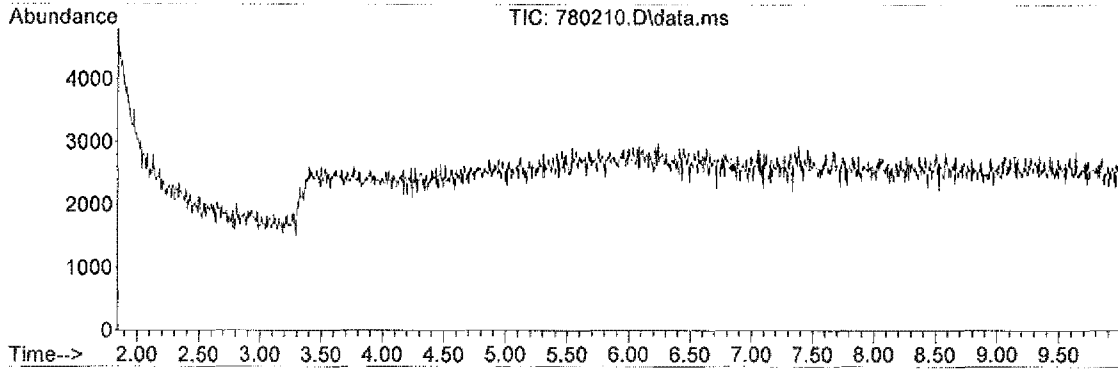
PK#	RT	Library/ID	CAS#	Qual
1	4.63	C:\Database\SLI.L METHADONE	001095-90-5	96



Area Percent / Library Search Report

Information from Data File:

File Name : K:\04_01_11\780210.D
Operator : DJR
Date Acquired : 1 Apr 2011 13:25
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

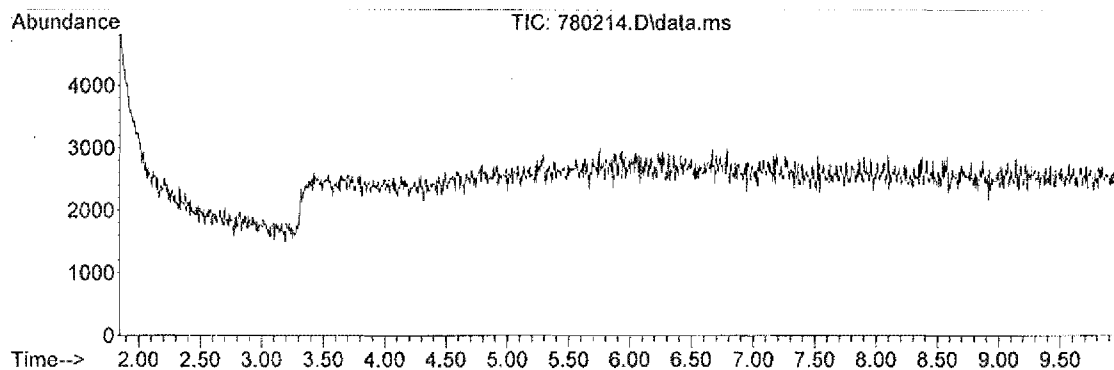


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : K:\04_01_11\780214.D
Operator : DJR
Date Acquired : 1 Apr 2011 14:17
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

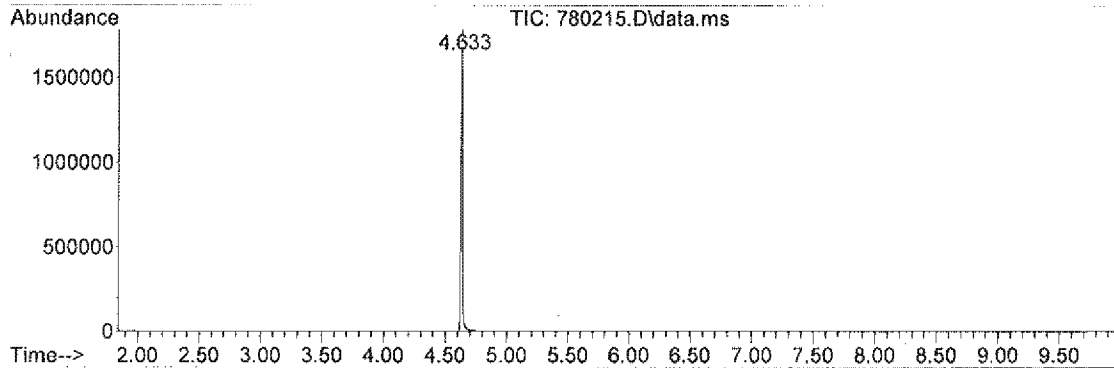


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : K:\04_01_11\780215.D
 Operator : DJR
 Date Acquired : 1 Apr 2011 14:30
 Sample Name : METHADONE STD
 Submitted by :
 Vial Number : 6
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.633	1630542	100.00	100.00

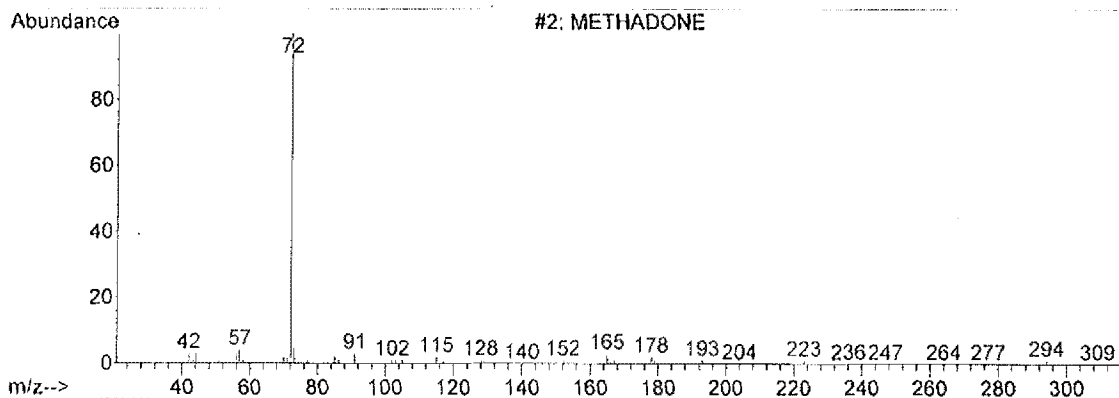
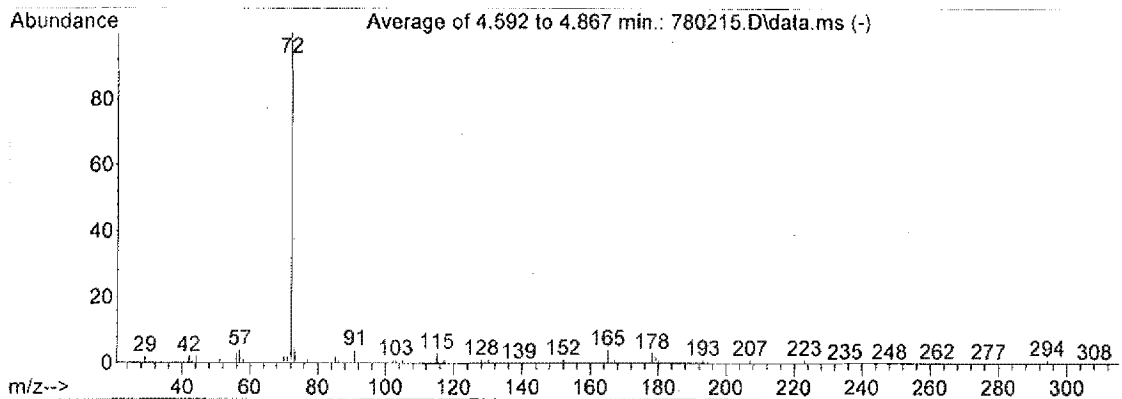
Area Percent / Library Search Report

Information from Data File:

File Name : K:\04_01_11\780215.D
 Operator : DJR
 Date Acquired : 1 Apr 2011 14:30
 Sample Name : METHADONE STD
 Submitted by :
 Vial Number : 6
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

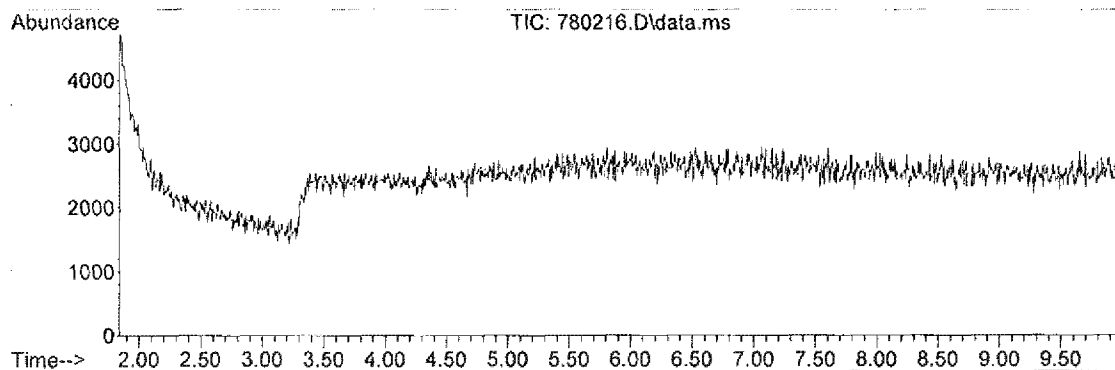
PK#	RT	Library/ID	CAS#	Qual
1	4.63	C:\Database\SLI.L METHADONE	001095-90-5	96



Area Percent / Library Search Report

Information from Data File:

File Name : K:\04_01_11\780216.D
Operator : DJR
Date Acquired : 1 Apr 2011 14:43
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS